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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/063,402 | 04/18/2002 | Philip Lee Childs | RPS920010190 | 7874 |

47052 7590 04/07/2005

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| EXAMINER |
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BHATIA, AJAY M

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| ART UNIT | PAPER NUMBER |
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2145

DATE MAILED: 04/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/063,402 | CHILDS ET AL. | |
| | Examiner | Art Unit | |
| | Ajay M Bhatia | 2145 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 April 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date: _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>1/18/02</u> . | 6) <input type="checkbox"/> Other: _____ |

Specification

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 6, 13 rejected under 35 U.S.C. 112, first paragraph, as based on a disclosure which is not enabling. Encrypting messages is critical or essential to the practice of the invention, but not included in the claim(s) is not enabled by the disclosure. See *In re Mayhew*, 527 F.2d 1229, 188 USPQ 356 (CCPA 1976). In order to decrypt a message it must be encrypted first.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of

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this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4, 7, 9-11, 14-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Chang et al. (U.S. Patent 6,157,953 referred to as Chang).

For claim 1, Chang teaches, a method for autonomic administration isolation for a secure remote management in a computer network, the method comprising the steps of:

(a) isolating administrative access to a plurality of client systems in a computer network via a data center; and

(b) utilizing the data center to control remote initiation of services in the plurality of client systems by an administrative system.

(see Chang, Col. 3 lines 13-48)

For claim 2, Chang teaches, the method of claim 1 wherein the utilizing step (b) further comprises the step of (b1) verifying authentication of the administrative system by the data center. (see Chang, Col. 3 lines 13-48)

For claim 3, Chang teaches, the method of claim 2 further comprising the step of (b2) receiving service commands from the authenticated administrative system in the data center. (see Chang, Col. 3 lines 13-48)

For claim 4, Chang teaches, the method of claim 3 further comprising the step of (b3) determining in the data center whether the authenticated administrative system has authorization to perform the service commands in the managed client systems. (see Chang, Col. 3 lines 13-48)

For claim 7, Chang teaches, an autonomic system for selective administration isolation for secure remote management in a computer network, the system comprising:

- a network;
- at least one administrator system coupled to the network;
- at least one client system coupled to the network; and
- a data center coupled to the at least one administrator system and to the at least one client system via the network, the data center for isolating administrative access to the at least one client system and controlling remote initiation of services in the at least one client system by the at least one administrative system. (see Chang, Col. 3 lines 13-48)

For claim 9, Chang teaches, the system of claim 7 wherein the data center verifies authentication of the at least one administrative system. (see Chang, Col. 3 lines 13-48)

For claim 10, Chang teaches, the system of claim 9 wherein the authenticated at least one administrative system sends service commands to the data center. (see Chang, Col. 3 lines 13-48)

For claim 11, Chang teaches, the system of claim 10 wherein the data center determines whether the authenticated administrative system has authorization to perform the service commands in the at least one client system. (see Chang, Col. 3 lines 13-48)

For claim 14, Chang teaches, the system of claim 9 wherein the network further comprises a world wide web network. (see Chang, Col. 7 lines 35-50)

For claim 15, Chang teaches, a computer readable medium containing program instructions for autonomic administration isolation in a computer network for a secure remote management, the program instructions for:

- (a) isolating administrative access to a plurality of client systems in a computer network via a data center; and

- (b) controlling remote initiation of services in the plurality of client systems by an administrative system via the data center. (see Chang, Col. 3 lines 13-48)

For claim 16, Chang teaches, the computer readable medium of claim 15 further comprising (b1) verifying authentication of the administrative system by the data center. (see Chang, Col. 3 lines 13-48)

For claim 17, Chang teaches, the computer readable medium of claim 16 further comprising (b2) receiving service commands from the authenticated administrative system in the data center. (see Chang, Col. 3 lines 13-48)

For claim 18, Chang teaches, the computer readable medium of claim 17 further comprising (b3) determining in the data center whether the authenticated administrative system has authorization to perform the service commands in the managed client systems. (see Chang, Col. 3 lines 13-48)

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 5, 6, 12, 13, 19 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang et al. (U.S. Patent 6,157,953 referred to as Chang) in view of Buchanan et al. (U.S. Patent 6,665,674).

For claim 5, Chang teaches, the method of claim 4 further comprising the step of (b4) issuing messages from the data center to the managed client systems when the

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authenticated administrative system does have authorization to perform the service commands. (see Chang, Col. 3 lines 13-48)

Chang fails to clearly disclose, a trusted messages

Buchanan teaches, a trusted messages (see Buchanan, Col. 5 lines 15-31)

For claim 6, Chang-Buchanan teaches, the method of claim 5 further comprising (c) validating and decrypting the trusted messages in the managed client systems to perform the service commands. (see Chang, Col. 3 lines 13-48) (see Buchanan, Col. 5 lines 15-31)

The same motivation that was utilized in the rejection of claim 5, applies equally as well to claim 6.

For claim 12, Chang-Buchanan teaches, the system of claim 11 wherein the data center issues trusted messages to the at least one client system when the authenticated administrative system does have authorization to perform the service commands. (see Chang, Col. 3 lines 13-48) (see Buchanan, Col. 5 lines 15-31)

The same motivation that was utilized in the rejection of claim 5, applies equally as well to claim 12.

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For claim 13, Chang-Buchanan teaches, the system of claim 12 wherein the at least one client system validates and decrypts the trusted messages to perform the service commands. (see Chang, Col. 3 lines 13-48) (see Buchanan, Col. 5 lines 15-31)

The same motivation that was utilized in the rejection of claim 5, applies equally as well to claim 13.

For claim 19, Chang-Buchanan teaches, the computer readable medium of claim 18 further comprising (b4) issuing trusted messages from the data center to the managed client systems when the authenticated administrative system does have authorization to perform the service commands. (see Chang, Col. 3 lines 13-48) (see Buchanan, Col. 5 lines 15-31)

The same motivation that was utilized in the rejection of claim 5, applies equally as well to claim 19.

For claim 20, Chang-Buchanan teaches, the computer readable medium of claim 19 further comprising (c) validating and decrypting the trusted messages in the managed client systems to perform the service commands. (see Chang, Col. 3 lines 13-48) (see Buchanan, Col. 5 lines 15-31)

The same motivation that was utilized in the rejection of claim 5, applies equally as well to claim 20.

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Claim 8 is rejected under 35 U.S.C. 103(a) as being obvious over Change et al. (U.S. Patent 6,157,953 referred to as Chang).

For claim 8, Chang fails to clearly disclose, the system of claim 7 wherein the at least one administrator system includes authentication capabilities via an embedded security chip for unique system identification and biometric identification for unique user identification.

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the system of Change with the method of checking a user's identity with an embedded security and biometric system in order to provide the most secure level of security for system that conventional password identification is insufficient.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

1. US-5935207
2. US-5944794
3. US-5968177
4. US-6170025
5. US-6178529

6. US-6185601
7. US-6311217
8. US-6370565
9. US-6393458
10. US-6401120
11. US-6622163
12. US-20050050200

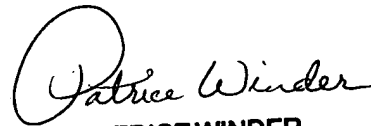
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ajay M Bhatia whose telephone number is (571)-272-3906. The examiner can normally be reached on M-F 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Valencia M Wallace can be reached on (571)-272-6159. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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PRIMARY EXAMINER